



W. Hamant
#111C
11-14-02
4555-107 US

The undersigned certifies that this communication is being deposited with the United States Postal Service as prepaid first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on October 31, 2002.

Maira Selinka
Maira Selinka

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Austin, R. et al.

Serial No. 09/707,892 ✓

Filed: November 6, 2000

For: ELECTRODE-LESS
DIELECTROPHORESIS FOR
POLARIZABLE PARTICLES

Group Art Unit: 1743
Examiner: Brown, Jennine M.

Commissioner for Patents
Washington, D.C. 20231

SIR:

RECEIVED
NOV - 8 2002
TO 1700 MAIL ROOM

AMENDMENT

In response to the Office Action dated July 31, 2002, please amend the application as follows:

In the Claims:

Please amend claims 1 and 5-7 as follows:

1. (Amended) A microfluidic device for trapping polarizable particles comprising:
- a substrate bearing a plurality of constrictions, each of said constrictions being separated from one another by a gap having a distance D_1 ;
 - means for passing said polarizable particles in the vicinity of said constrictions;
 - and
 - means for applying a dielectrophoric field to said substrate, wherein said polarizable particles are trapped in said gap when said dielectrophoric field is applied.